

## EAST Search History

Ref #	Hits	Search Query	DBs
L1	274	(162/252).CCLS.	USPAT
L2	301	(162/252).CCLS.	US-PGPUB; USPAT
L3	52	(162/252).CCLS.	EPO; JPO; DERWENT
L4	72	(162/252).CCLS.	USOCR
L5	120	((162/199) or (162/272)).CCLS.	US-PGPUB
L6	122	((162/199) or (162/272)).CCLS.	USOCR
L7	17	((162/199) or (162/272)).CCLS.	EPO; JPO; DERWENT
L8	15	((162/206) or (162/207)).CCLS.	EPO; JPO; DERWENT
L9	223	((162/206) or (162/207)).CCLS.	USOCR
L10	825	((162/206) or (162/207)).CCLS.	US-PGPUB; USPAT
L11	131	(162/375).CCLS.	US-PGPUB; USPAT
L12	58	(162/375).CCLS.	USOCR
L13	82	(162/375).CCLS.	EPO; JPO; DERWENT
L14	8	(492/20).CCLS.	EPO; JPO; DERWENT
L15	229	(492/20).CCLS.	US-PGPUB; USPAT
L16	32	(492/20).CCLS.	USOCR
L17	68	(492/46).CCLS.	USOCR
L18	381	(492/46).CCLS.	US-PGPUB; USPAT
L19	67	(492/46).CCLS.	EPO; JPO; DERWENT
L20	81	(162/359.1).CCLS.	USOCR
L21	247	(162/359.1).CCLS.	US-PGPUB; USPAT
L22	14	(162/359.1).CCLS.	EPO; JPO; DERWENT
L23	75	((162/198) or (162/263)).CCLS.	EPO; JPO; DERWENT
L24	149	((162/198) or (162/263)).CCLS.	USOCR
L25	905	((162/198) or (162/263)).CCLS.	US-PGPUB; USPAT
L26	197	(162/290).CCLS.	US-PGPUB; USPAT
L27	78	(162/290).CCLS.	USOCR
L28	19	(162/290).CCLS.	EPO; JPO; DERWENT
L29	93	(F28F5/02 or F28F005/02 or F28F005/02.ipc.)	USPAT
L30	33	(F28F5/02 or F28F005/02 or F28F005/02.ipc.)	US-PGPUB
L31	327	(F28F5/02 or F28F005/02 or F28F005/02.ipc.)	EPO; JPO; DERWENT
L32	2204	(D21G1/02 or D21G001/02 or	EPO; JPO;

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		D21G001/02.ipc.)	DERWENT
L33	638	(D21G1/02 or D21G001/02 or D21G001/02.ipc.) and heat\$4	EPO; JPO; DERWENT
L34	37	(D21G1/02 or D21G001/02 or D21G001/02.ipc.) and heat\$4	USPAT
L35	21	(D21G1/02 or D21G001/02 or D21G001/02.ipc.) and heat\$4	US-PGPUB
L36	2458	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30)	USPAT
L37	451	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30)	US-PGPUB
L38	795	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30)	USOCR
L39	337	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30)	EPO; JPO; DERWENT
L40	208	(36 or 37 or 38 or 39) and ((roll or roller or cylinder or drum) with (heat or heating or heated or hot))	USOCR
L41	925	(36 or 37 or 38 or 39) and ((roll or roller or cylinder or drum) with (heat or heating or heated or hot))	US-PGPUB; USPAT
L42	443	(36 or 37 or 38 or 39) and ((roll or roller or cylinder or drum) with (heat or heating or heated or hot)).clm.	US-PGPUB; USPAT
L43	21885	((roll or roller or cylinder or drum) with (heat or heating or heated or hot)).clm.	US-PGPUB; USPAT
L44	8848	((roll or roller or cylinder or drum) with (heat or heating or heated or hot)).clm. and (web or paper)	US-PGPUB; USPAT
L45	3374	((roll or roller or cylinder or drum) with (heat or heating or heated or hot)).clm. and (web or paper).clm.	US-PGPUB; USPAT
L46	4093	((roll or roller or cylinder or drum) with (heat or heating or heated or hot) with (gas or fuel or air or burner\$2)).clm.	US-PGPUB; USPAT
L47	372	45 and 46	US-PGPUB; USPAT
L48	925	(36 or 37 or 38 or 39) and ((roll or roller or cylinder or drum) with (heat or heating or heated or hot))	US-PGPUB; USPAT
L49	80	(36 or 37 or 38 or 39) and ((roll or roller or cylinder or drum) with (heat or heating or heated or hot))	EPO; JPO; DERWENT
S1	0	10/583733	US-PGPUB;

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## EAST Search History

			USPAT
S2	5	((("5937538") or ("5465504") or ("5416979") or ("4722681") or ("4691449")).PN.	US-PGPUB; USPAT
S3	604	((162/199) or (162/272)).CCLS.	US-PGPUB; USPAT
S4	74	S3 and ((roll or roller or cylinder or drum) with heat\$4)	US-PGPUB; USPAT
S5	10	S3 and ((roll or roller or cylinder or drum) with heat\$4).ab.	US-PGPUB; USPAT
S7	174	("162"/\$.ccls. or D21F\$.ipc. or D21g\$.ipc.) and ((roll or roller or cylinder or drum) with (heat or heating or heated or hot)).ab.	US-PGPUB; USPAT
S8	24	("162"/\$.ccls. or D21F\$.ipc. or D21g\$.ipc.) and ((roll or roller or cylinder or drum) with (heat or heating or heated or hot)).ti.	US-PGPUB; USPAT
S9	0	("162"/\$.ccls. or D21F\$.ipc. or D21g\$.ipc.) and ((roll or roller or cylinder or drum) with (heat or heating or heated or hot)).ti.	USOCR
S10	724	("162"/\$.ccls. or D21F\$.ipc. or D21g\$.ipc.) and ((roll or roller or cylinder or drum) with (heat or heating or heated or hot))	USOCR
S11	0	("162"/\$.ccls. or D21F\$.ipc. or D21g\$.ipc.) and ((roll or roller or cylinder or drum).ti. with (heat or heating or heated or hot).ti.)	USOCR
S12	29	S10 and (roll or roller or cylinder or drum).ti.	USOCR
S13	174	((roll or roller or cylinder or drum).ti. with (heat or heating or heated or hot).ti.)	USOCR
S14	5	"3489344"	US-PGPUB; USPAT
S15	6	"3489344"	US-PGPUB; USPAT; USOCR
S16	4	"5240564"	US-PGPUB; USPAT; USOCR
S17	1	("4627888").PN.	USPAT
S18	1293	((roll or roller or drum or cylinder) with heat\$4 with (gas or burner or burners or air or steam)).ab.	US-PGPUB; USPAT
S19	135	((roll or roller or drum or cylinder) with (outside or outer) with heat\$4 with (gas or burner or burners or air or steam)).ab.	US-PGPUB; USPAT
S20	16	S19 and (heat\$4 with zon\$4)	US-PGPUB; USPAT
S21	1516	((roll\$2 or roller or drum\$2 or cylinder\$2) with heat\$4 with (gas or burner or burners or air or steam)).ab.	US-PGPUB; USPAT
S22	229	S21 and (roll\$2 or roller or drum\$2 or cylinder\$2).ti.	US-PGPUB; USPAT
S23	35	S22 and (heat\$4 with zon\$4)	US-PGPUB; USPAT
S24	4	"5733408"	USPAT

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## EAST Search History

S25	202	((roll\$2 or roller or drum\$2 or cylinder\$2) and heat\$4 and (gas or air or fuel) and (burner or burners)).ab.	US-PGPUB; USPAT
S26	40	S25 and (outer or outside).ab.	US-PGPUB; USPAT
S27	9	"1013316"	DERWENT
S28	69	"4324613"	US-PGPUB; USPAT
S29	24	(burner with catalytic with air with (gas or fuel)).ab.	USPAT
S30	1	("4588373").PN.	USPAT
S31	44	(burner with combustion with hydrogen).ab.	USPAT